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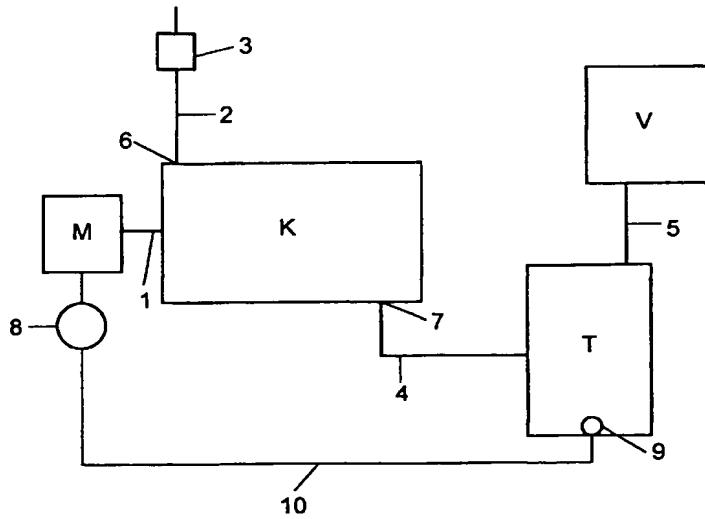
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(54) Title: COMPRESSOR



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(57) Abstract: A helical screw rotor compressor (K) adapted for working against a pressure container (T) whose pressure P is allowed to vary between a lowest pressure P2 and a highest pressure P1, said compressor being driven by an electric motor (M). The electric motor (M) is characterised by having in one operating range defined by the pressure interval P of said pressure container a quality such that halving of the torque of said motor will result an increase in motor speed of at least 6 percent. It is also preferred that the compressor is optimised for an internal volume factor at which the pressure of the compressor will be lower than P2+0.85* (P1-P2) at the opening instance.



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
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